

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s): Daniel E. Evanicky

Group Art Unit: 2629

Filed: October 26, 2005

Examiner: Hailemariam, E.

Application No.: 10/519,285

Title: ENHANCED VIEWING EXPERIENCE OF A DISPLAY THROUGH LOCALISED DYNAMIC CONTROL OF BACKGROUND LIGHTING LEVEL

Form 1449

U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|------------|----------------------|-------|-----------|-------------|
| | A | 3,967,881 | 07-06-1976 | Moriyama et al. | | | |
| | B | 4,294,516 | 10-13-1981 | Brooks, Philip | | | |
| | C | 4,333,715 | 06-08-1982 | Brooks, Philip | | | |
| | D | 4,371,870 | 02-01-1983 | Biferno, Michael | | | |
| | E | 4,472,737 | 09-18-1984 | Iwasaki, Kenji | | | |
| | F | 4,523,848 | 06-18-1985 | Gorman et al. | | | |
| | G | 4,568,928 | 02-04-1986 | Biferno, Michael | | | |
| | H | 4,649,425 | 03-10-1987 | Pund, Marvin | | | |
| | I | 4,757,626 | 07-19-1988 | Weinreich, Stephen | | | |
| | J | 5,075,993 | 12-31-1991 | Weinreich, Stephen | | | |
| | K | 5,112,121 | 05-12-1992 | Chang et al. | | | |
| | L | 5,113,272 | 05-12-1992 | Reamey, Robert | | | |
| | M | 5,124,803 | 06-23-1992 | Troxel, Donald | | | |
| | N | 5,198,936 | 03-30-1993 | Stringfellow, Steven | | | |
| | O | 5,361,165 | 11-01-1994 | Stringfellow et al. | | | |
| | P | 5,367,801 | 11-29-1994 | Ahn, Young | | | |
| | Q | 5,473,344 | 12-05-1995 | Bacon et al. | | | |
| | R | 5,515,484 | 05-07-1996 | Sfarti et al. | | | |
| | S | 5,585,821 | 12-17-1996 | Ishikura et al. | | | |
| | T | 5,694,532 | 12-02-1997 | Carey et al. | | | |
| | U | 5,745,197 | 04-28-1998 | Leung et al. | | | |
| | V | 5,764,317 | 06-09-1998 | Sadovnik et al. | | | |
| | W | 5,805,163 | 09-08-1998 | Bagnas, Emmanuel | | | |
| | X | 5,825,436 | 10-20-1998 | Knight, Kenneth | | | |
| | Y | 5,982,417 | 11-09-1999 | Blonde, Laurent | | | |
| | Z | 5,990,990 | 11-23-1999 | Crabtree, Allen | | | |
| | A2 | 6,005,654 | 12-21-1999 | Kipfer et al. | | | |
| | B2 | 6,054,969 | 04-25-2000 | Haisma, Jan | | | |
| | C2 | 6,356,281 | 03-12-2002 | Iseman, Colin | | | |
| | D2 | 6,369,830 | 04-09-2002 | Brunner et al. | | | |
| | E2 | 6,438,515 | 08-20-2002 | Crawford et al. | | | |
| | F2 | 6,443,579 | 09-03-2002 | Myers, Kenneth | | | |
| | G2 | 6,525,699 | 02-25-2003 | Suyama et al. | | | |
| | H2 | 6,587,118 | 07-01-2003 | Yoneda, Michiaki | | | |
| | I2 | 6,609,799 | 08-26-2003 | Myers, Kenneth | | | |
| | J2 | 6,661,425 | 12-09-2003 | Hiroaki, Toshihiko | | | |
| | K2 | 6,720,961 | 04-13-2004 | Tracy, Thomas | | | |

| | | | | | | | |
|--|----|-----------------|------------|------------------|--|--|--|
| | L2 | 6,940,507 | 09-06-2005 | Repin et al. | | | |
| | M2 | 7,113,188 | 09-26-2006 | Kuroda et al. | | | |
| | N2 | 2002/001055 | 01-03-2002 | Kimura et al. | | | |
| | O2 | 2002/0105516 A1 | 08-08-2002 | Tracy, Thomas | | | |
| | P2 | 2002/0126396 | 09-12-2002 | Dolhoff, Eugene | | | |
| | Q2 | 2002/0093516 | 07-18-2002 | Brunner et al. | | | |
| | R2 | 2002/0163728 | 11-07-2002 | Myers, Kenneth | | | |
| | S2 | 2002/0163729 | 11-07-2002 | Myers, Kenneth | | | |
| | T2 | 2003/0132895 | 07-17-2003 | Berstis, Viktors | | | |
| | U2 | 2003/0184665 | 10-02-2003 | Berstis, Viktors | | | |
| | V2 | 2004/0239582 | 12-02-2004 | Seymour, Bruce | | | |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
|------------------|-----|--------------|------------------|--------------------------|-------|-----------|-------------|----|
| | | | | | | | Yes | No |
| | W2 | 24538/00 | 08-29-2000 | AU | | | | |
| | X2 | 24806/00 | 07-03-2000 | AU | | | | |
| | Y2 | 68219/01 | 12-17-2001 | AU | | | | |
| | Z2 | 2009960 | 09-21-1990 | CA | | | | |
| | A3 | 2075807 | 08-13-1991 | CA | | | | |
| | B3 | 19920789 | 05-04-2000 | DE | | | | |
| | C3 | 2730785 | 01-25-1979 | DE | | | | |
| | D3 | 29912074 | 11-25-1999 | DE | | | | |
| | E3 | 0389123 | 09-26-1990 | EP | | | | |
| | F3 | 0460314 | 12-11-1991 | EP | | | | |
| | G3 | 0605945 | 07-13-1994 | EP | | | | |
| | H3 | 0703563 | 03-27-1996 | EP | | | | |
| | I3 | 0802684 | 10-22-1997 | EP | | | | |
| | J3 | 0999088 | 05-10-2000 | EP | | | | |
| | K3 | 1093008 | 04-18-2001 | EP | | | | |
| | L3 | 1151430 | 08-17-2000 | EP | | | | |
| | M3 | 1177527 | 11-16-2000 | EP | | | | |
| | N3 | 1287401 | 03-05-2003 | EP | | | | |
| | O3 | 454423 | 10-30-1991 | EP | | | | |
| | P3 | 595387 | 05-04-1994 | EP | | | | |
| | Q3 | 2609941 | 07-29-1988 | FR | | | | |
| | R3 | 2312584 | 10-29-1997 | GB | | | | |
| | S3 | 2347003 | 08-23-2000 | GB | | | | |
| | T3 | 2372618 | 08-28-2002 | GB | | | | |
| | U3 | 93472 | 11-11-1994 | IL | | | | |
| | V3 | 09-033858 | 02-07-1997 | JP | | | | |
| | W3 | 10003355 | 01-06-1998 | JP | | | | |
| | X3 | 10039821 | 02-13-1998 | JP | | | | |
| | Y3 | 10105829 | 04-24-1998 | JP | | | | |
| | Z3 | 10228347 | 08-25-1998 | JP | | | | |
| | A4 | 11205822 | 07-30-1999 | JP | | | | |
| | B4 | 11272846 | 10-08-1999 | JP | | | | |
| | C4 | 2000-142173 | 05-23-2000 | JP | | | | |
| | D4 | 2000-347645 | 12-15-2000 | JP | | | | |
| | E4 | 2001-215332 | 04-02-2002 | JP | | | | |
| | F4 | 2001324608 | 11-12-2001 | JP | | | | |
| | G4 | 2002-099223 | 10-14-2003 | JP | | | | |
| | H4 | 2002-350772 | 12-04-2002 | JP | | | | |
| | I4 | 3021902 | 01-30-1991 | JP | | | | |
| | J4 | 3174580 | 07-29-1991 | JP | | | | |
| | K4 | 3226095 | 10-07-1991 | JP | | | | |

| | | | | | | | | |
|--|----|-----------|------------|----|--|--|--|--|
| | L4 | 4191755 | 07-10-1992 | JP | | | | |
| | M4 | 5040449 | 02-19-1993 | JP | | | | |
| | N4 | 8036375 | 02-06-1996 | JP | | | | |
| | O4 | 8095741 | 04-12-1996 | JP | | | | |
| | P4 | 9282357 | 10-31-1997 | JP | | | | |
| | Q4 | 9308769 | 12-02-1997 | JP | | | | |
| | R4 | 20005178 | 04-17-2001 | NO | | | | |
| | S4 | 343229 | 04-23-2001 | PL | | | | |
| | T4 | 00/036578 | 06-22-2000 | WO | | | | |
| | U4 | 00/048167 | 08-17-2000 | WO | | | | |
| | V4 | 00/68887 | 11-16-2000 | WO | | | | |
| | W4 | 01/01290 | 01-04-2001 | WO | | | | |
| | X4 | 01/095019 | 12-13-2001 | WO | | | | |
| | Y4 | 01/15128 | 03-01-2001 | WO | | | | |
| | Z4 | 02/091033 | 11-14-2002 | WO | | | | |
| | A5 | 03/003109 | 01-09-2003 | WO | | | | |
| | B5 | 88/05389 | 07-28-1988 | WO | | | | |
| | C5 | 91/12554 | 08-22-1991 | WO | | | | |
| | D5 | 98/47106 | 10-22-1998 | WO | | | | |
| | E5 | 99/42889 | 08-26-1999 | WO | | | | |
| | F5 | 9703025 | 11-04-1997 | ZA | | | | |

Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----------------|--|
| | G5 | "CLEARBOARD 1991-1994," http://web.media.mit.edu/~ishii/CB.html |
| | H5 | "TEAMWORKSTATION 1989-1994," http://web.media.mit.edu/~ishii/TWS.html |
| | I5 | "TEXTARC: AN ALTERNATE WAY TO VIEW A TEXT," http://textarc.org |
| | J5 | "TEXTARC: NYSCA GRANT AND PUBLIC INSTALLATION," http://textarc.org |
| | K5 | "TEXTARC: THE PRINT AND THE ARTIST," http://textarc.org |
| | L5 | Courter et al., Microsoft Office 2000 Professional Edition, 1999, Sybex Inc., pages xxxi, 543, 685 |
| | M5 | Harrison et al., "Transparent Layered User Interfaces: An Evaluation of a Display Design to Enhance Focused and Divided Attention" ACM, 13 pages, 1995 |
| | N5 | Ishii et al., "Iterative Design of Seamless Collaboration Media", Communications of the ACM, August 1994, Volume 37, Pages 83-97. |
| | O5 | Office Action 10/489,101 03/29/2006 |
| | P5 | Office Action 10/489,101 07/16/2007 |
| | Q5 | Office Action 10/489,101 07/28/2005 |
| | R5 | Office Action 10/489,101 11/22/2005 |
| | S5 | Office Action 10/841,133 01/08/2007 |
| | T5 | Office Action 10/841,133 09/06/2007 |
| | U5 | Office Action 10/841,133 11/28/2007 |
| Examiner | /Cory Almeida/ | |
| | Date Considered | 09/11/2008 |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.